



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE WILSON BULLETIN

**AN ILLUSTRATED QUARTERLY MAGAZINE DEVOTED TO
THE STUDY OF BIRDS IN THE FIELD**

Edited by LYNDS JONES

OFFICIAL ORGAN OF THE WILSON ORNITHOLOGICAL CLUB

OLD SERIES, VOLUME XVII. NEW SERIES, VOLUME XII.

1905

Published by the Club at Oberlin, Ohio

Index to Volume 17, 1905.

- Acanthis linaria, 50, 118.
Accipiter cooperi, 9, 38, 97.
 velox, 9, 38, 97, 120.
Actitis macularia, 9, 37, 51, 84,
 86, 97, 120.
Æronympha prosantis, 134.
Actordromas maculatus, 37.
 minutilla, 37.
Ægalitis meloda, 38.
 semipalmata, 37.
Agelaius phoeniceus, 11, 39, 85,
 87, 90, 98, 120.
 fortis, 90.
Aix sponsa, 8, 97, 120.
Alauda arvensis, 39.
Ammodramus caudacutus, 40.
 henslowi, 111.
 maritimus, 43.
 sandwichensis savanna, 91.
 savannarum passerinus, 87.
Ampeleis cedrorum, 11, 41, 85, 87,
 98, 118.
Anas boschas, 49, 119.
 obscura, 37, 49, 97, 119.
Anhinga, 64.
Anhinga anhinga, 64.
Anthus pensylvanicus, 42.
Antrostomus vociferus, 10, 97,
 120.
Ardea herodias, 37, 97, 119.
Ardetta exilis, 9, 37.
Asio accipitrinus, 38, 118.
 wilsonianus, 10, 117.
Astragalinus, psaltria, 134.
 tristis, 11, 40, 85, 87, 98, 118.
Aythya affinis, 49, 89.
 americana, 49.
Bæolophus bicolor, 8, 12, 86, 88,
 114, 115, 118.
Baldpate, 67, 76.
Bartramia longicauda, 9, 37.
Bittern, American, 8, 77, 120.
 Least, 9, 37, 77, 99.
Blackbird, Red-winged, 4, 11, 17,
 39, 60, 76, 85, 87, 90, 98, 100,
 107, 120.
 Rusty, 3, 39, 45, 46, 76, 119.
 Thick-billed, Red-winged, 90.
Bluebird, 3, 4, 12, 16, 17, 26, 43,
 44, 45, 46, 47, 50, 53, 54, 55,
 60, 76, 81, 86, 88, 99, 100,
 107, 122.
Bob-white, 3, 9, 17, 28, 52, 53, 54,
 60, 80, 100, 107, 117, 133.
Bobolink, 4, 10, 16, 39, 77, 99,
 120.
Bonasa umbellus, 9, 49, 97, 117.
Botaurus lentiginosus, 8, 120.
Branta canadensis, 37, 49, 119.
 hutchinsii, 64.
Bubo virginianus, 10, 117.
Bufflehead, 49, 77, 80.
Bunting, Indigo, 11, 15, 41, 45,
 46, 47, 53, 54, 60, 78, 85, 87,
 98, 99, 100, 101, 106, 121,
 130.
Buteo borealis, 9, 38, 49, 97, 119.
 latissimus, 9.
 lineatus, 9, 38, 49, 84, 120.
 platypterus, 38, 89, 109, 120.
Butorides virescens, 9, 37, 84,
 97, 120.
Cardinal, 11, 28, 40, 45, 46, 47,
 52, 53, 54, 60, 81, 82, 85, 87,
 100, 113, 118.
Cardinalis cardinalis, 11, 28, 40,
 85, 87, 113, 118.
Carduelis carduelis, 40.
Carpodacus purpureus, 40, 110,
 118.
Catbird, 3, 4, 12, 17, 21, 42, 45,
 46, 53, 54, 59, 60, 78, 85, 87,
 98, 99, 100, 101, 116, 121.
Cathartes aura, 28.
 septentrionalis, 84,
 86.
Ceophleus pileatus, 108.
Certhia familiaris americana,
 43, 118.
Ceryle alcyon, 10, 38, 84, 86, 97,
 120.
Chætura pelagica, 10, 35, 85, 86,
 97, 120.
Chaffinch, 39.
Charadrius dominicus, 49.
Charitonetta albeola, 49.
Chat, Yellow-breasted, 4, 12, 16,
 17, 42, 53, 54, 60, 78, 85, 87,
 92, 100, 116, 121, 131.
Chelidon erythrogaster, 11.

INDEX TO VOLUME XVII, 1905.

- Chen cærulescens*, 63.
Chewink, 85, 87, 106, 107.
Chebec, 4.
Chickadee, 1, 3, 7, 12, 16, 43, 44, 46, 50, 81, 99, 100, 118.
Carolina, 53, 54, 55, 60, 86, 88, 101, 106, 115.
Chordeiles virginianus, 38, 97, 119.
Chuck-will's-widow, 131.
Circus hudsonius, 9, 38, 120.
Cistothorus palustris, 12.
stelleris, 12, 43, 108, 114, 121.
Clangula clangula americana, 37, 49.
Coccyzus americanus, 10, 38, 116, 120.
erythronthalmus, 10, 38, 120.
Colaptes auratus, 115.
luteus, 10, 38, 50, 84, 86, 97, 120.
Colinus virginianus, 9, 28, 119.
Colymbus auritus, 36, 49.
holboellii, 36, 119.
Compsothlypis americana, 119.
usneæ, 4, 42, 85, 87, 108.
Contopus virens, 10, 98, 120.
Coot, American, 76, 79, 132.
Cormorant, Double-crested, 37.
Corvus americanus, 125.
brachyrhinchos, 10, 39, 50, 85, 86, 98, 118.
corax principalis, 108.
ossifragus, 39, 85.
Coturniculus savannarum passerinus, 18, 40, 91, 111, 121.
Cowbird, 4, 11, 17, 39, 61, 76, 82, 100, 120.
Creener, Brown, 3, 43, 44, 46, 54, 76, 80, 82, 118.
Crow, American, 10, 15, 16, 39, 47, 50, 53, 54, 55, 60, 76, 81, 85, 86, 98, 99, 100, 106, 118.
Fish, 39, 85, 100.
Crossbill, American, 28, 50, 67, 110, 118.
White-winged, 82, 111, 118.
Cryptoglaux acadica, 118.
Cuckoo, Black-billed, 4, 17, 38, 54, 78, 100, 120.
Yellow-billed, 21, 38, 47, 53, 79, 99, 100, 116, 120, 131.
Cyanospiza cyanæa, 41, 85, 87, 98, 116, 121.
Dafila acuta, 119.
Dendroica æstiva, 12, 85, 87, 98, 121.
blackburniæ, 42, 92, 119.
cærulescens, 119.
castanea, 42.
coronata, 42, 119.
discolor, 92, 116.
dominica albilora, 92.
maculosa, 119.
palmarum, 42.
hypochrisea, 42, 119.
pensylvanica, 8, 9, 12, 42, 98, 121.
striata, 42, 85, 92, 119.
tigrina, 108, 114.
vigorsii, 42.
virens, 42, 119.
Dickcissel, 66, 78, 92.
Dolichonyx oryzivorus, 10, 39, 120.
Dove, Mourning, 4, 9, 53, 54, 60, 67, 76, 81, 84, 99, 100, 120.
Dryobates pubescens medianus, 10, 38, 50, 84, 86, 97, 117.
villosus, 10, 38, 50, 66, 97, 117.
Duck, Black, 18, 37, 49, 76, 80, 81, 97, 119.
Lesser Scaup, 49, 76, 81, 86, 89, 130.
Red-legged Black, 81, 89.
Ruddy, 77, 80.
Scaup, 76, 80.
Wood, 8, 15, 97, 120.
Eagle, Bald, 18, 49, 81, 107.
Golden, 80, 82.
Ectopistes migratorius, 108.
Elanoides forficatus, 90.
Empidonax flaviventris, 39, 80, 108, 110.
minimus, 10, 39, 98, 120.
traillii alnorum, 120.
virescens, 85, 86.
Euphagus carolinus, 39, 119.
Falco columbarius, 38.
peregrinus anatum, 27, 38, 108.
sparverius, 9, 38, 50, 120.
Finch, Purple, 16, 40, 53, 55, 78, 80, 82, 110, 118, 129.
Flicker, 115.
Northern, 2, 3, 10, 17, 38, 44, 46, 52, 53, 54, 55, 60, 76, 80, 84, 86, 97, 99, 100, 101, 106, 120.
Flycatcher, Acadian, 54.
Alder, 120.

- Crested, 10, 17, 39, 53, 54, 60, 77, 85, 86, 98, 99, 100, 101, 116, 120, 131.
 Green-crested, 21, 60, 78, 85, 86, 100.
 Least, 4, 10, 16, 39, 45, 47, 60, 77, 82, 98, 100, 120.
 Olive-sided, 4, 39, 119.
 Scissor-tailed, 64.
 Trall's, 60, 79.
 Yellow-bellied, 39, 54, 60, 90, 110.
Fringilla cœlebs, 39.
Fuligula affinis, 86.
Galeoscoptes carolinensis, 12, 42, 85, 87, 98, 116, 121.
Gallinago delicata, 119.
Gallinule, Florida, 27.
Gallinula galeata, 27.
 Gannet, 37.
Gavia imber, 36, 49.
Geothlypis agilis, 108, 109.
 formosa, 92.
 trichas, 85, 87.
 brachydactila, 12, 42, 98, 121.
 Gnatcatcher, Blue Gray, 53, 60, 67, 78, 86, 88.
 Golden-eye, American, 37, 49, 76, 80.
 Goldfinch, American, 4, 11, 16, 40, 47, 53, 54, 55, 60, 81, 85, 87, 98, 99, 100, 101, 118.
 European, 40.
 Goose, Blue, 63.
 Canada, 37, 49, 76, 119.
 Hutchins', 64.
 Goshawk, 14.
 Grackle, Bronzed, 39, 44, 46, 47, 52, 53, 54, 76, 99.
 Purple, 11, 15, 16, 17, 39, 61, 85, 87, 100, 101, 121.
 Grebe, Holboell's, 28, 36, 119.
 Horned, 36, 49, 77, 80, 81.
 Pied-billed, 36, 49, 77, 79, 99, 119.
 Grosbeak, Blue, 60, 131.
 Canadian Pine, 50, 80, 82.
 Northern Pine, 50, Pine, 28.
 Rose-breasted, 11, 21, 40, 45, 46, 47, 53, 78, 98, 99, 100, 101, 102, 121, 131.
 Grouse, Ruffed, 9, 49, 80, 94, 97, 107, 117, 131.
 Gull, Bonaparte, 49, 77, 79, 89.
 Great Black-backed, 36.
 Herring, 37, 49, 79, 80, 81, 118.
 Kittiwake, 36.
 Laughing, 74.
 Ring-billed, 37, 49.
Halia ludoviciana, 8.
Haliæetus leucocephalus, 49.
 Hawk, American Rough-legged, 80.
 American Sparrow, 9, 38, 50, 60, 76, 81, 82, 99, 100, 120.
 Broad-winged, 9, 38, 53, 61, 76, 89, 100, 109, 120.
 Cooper, 9, 38, 76, 82, 97.
 Duck, 27, 38, 108.
 Fish, 84.
 Marsh, 9, 38, 76.
 Pigeon, 38, 81, 100.
 Red-shouldered, 9, 38, 49, 84, 120.
 Red-tailed, 9, 15, 17, 38, 49, 81, 97, 119.
 Sharp-shinned, 9, 38, 60, 81, 97, 120.
Helminthophila celata, 108, 113.
chrysóptera, 41, 89, 98.
lawrencei, 41.
leucobronchialis, 67.
peregrina, 42.
pinus, 11, 41, 121.
rubicapilla, 41.
Hemitheros vermiculus, 11, 41, 87, 92, 98, 121.
 Hen, Heath, 107.
Helodromas solitarius, 37.
 Heron, Black-crowned Night, 9, 17, 37, 84, 100, 120.
 Great Blue, 15, 16, 18, 37, 77, 81, 97, 119.
 Green, 9, 17, 37, 61, 77, 84, 97, 100, 107, 120.
Hirundo erythrogaster, 41, 85, 98, 121.
Horizopus virens, 85, 86.
 Hummingbird, Ruby-throated, 4, 10, 17, 38, 45, 46, 47, 53, 61, 78, 86, 97, 100, 102, 120, 131.
Hylocichla aliciae, 43.
fuscescens, 43, 121.
guttata palasii, 43, 119.
mustelina, 43, 86, 88, 99, 116, 121.
swainsonii, 43.
ustulata swainsonii, 119.
Icteria virens, 8, 12, 42, 85, 87, 92, 108, 116, 121.

- Icterus galbula*, 11, 39, 87, 91, 98, 121.
 spurius, 11, 39, 85, 87, 121.
- Jaeger*, Pomarine, 36.
- Jay*, Blue, 1, 3, 4, 10, 16, 39, 44, 46, 47, 50, 53, 54, 55, 61, 80, 85, 86, 98, 99, 100.
 Canada, 50.
- Junco hyemalis*, 40, 50, 118.
- Junco*, Slate-colored, 1, 40, 44, 47, 50, 52, 54, 55, 80, 118.
- Killdeer*, 60, 76, 100.
- Kingbird*, 4, 10, 17, 47, 53, 54, 60, 77, 85, 86, 98, 99, 100, 120, 131.
- Kingfisher*, Belted, 10, 17, 38, 52, 61, 78, 81, 82, 84, 86, 97, 99, 100, 120.
 47, 53, 55, 66, 77, 79, 80, 82, 110, 120.
 Ruby-crowned, 43, 44, 45, 46, 50, 53, 66, 77, 79, 119, 131.
- Kite*, Swallow-tailed, 90.
- Lanius borealis*, 41, 50, 118.
 ludovicianus migrans, 41, 50.
- Kinglet*, Golden-crowned, 43, 46.
- Lanivoreo flavifrons*, 85, 87.
- Lark*, Horned, 39, 80, 118, 133.
 Hoyle Horned, 80.
 Prairie Horned, 2, 53, 54, 55, 81, 91, 130.
- Larus argentatus*, 37, 49, 118.
 atricilla, 74.
 delawareensis, 37, 49.
 marinus, 36.
 philadelphicus, 49.
- Loon*, 36, 49, 77, 80.
- Longspur*, Lapland, 80.
- Lophodytes cucullatus*, 49.
- Loxia curvirostra minor*, 28, 50, 110, 118.
- Mallard*, 49, 76, 80, 117.
- Martin*, Purple, 26, 60, 77, 85, 87, 99, 100, 101, 106, 107, 121.
- Meadowlark*, 3, 4, 11, 17, 39, 47, 53, 54, 55, 58, 60, 81, 85, 99, 100, 120, 131.
- Megascops asio*, 10, 115, 117.
- Melanerpes carolinus*, 110.
 erythrocephalus, 10, 38, 86, 118.
- Meleagris gallopavo fera*, 90.
 sylvestris, 108.
- Melospiza cinerea melodia*, 11, 40, 50, 85, 87, 91, 98, 118.
- georgiana*, 11, 40, 98, 112, 121.
 lincolni, 40, 112.
- Merganser americanus*, 49, 84.
 serrator, 49.
- Merganser*, American, 49, 76, 80, 81, 84.
 Hooded, 49, 77, 80.
 Red-breasted, 49, 76, 80.
- Merula migratoria*, 12, 43, 50, 86, 88, 99, 112.
- Mimus polyglottos*, 115.
- Mniotilla varia*, 11, 41, 85, 87, 98.
- Mockingbird*, 53, 54, 55, 59, 60, 115.
- Molothrus ater*, 11, 39, 120.
- Myiarchus crinitus*, 10, 39, 85, 86, 98, 116, 120.
- Nighthawk*, 17, 54, 60, 78, 97, 100, 119, 130, 131.
- Nettion carolinensis*, 119.
- Nuthatch*, Red-breasted, 43, 50, 53, 79, 119.
 White-breasted, 4, 12, 43, 44, 50, 60, 81, 88, 99, 101.
- Nuttalornis borealis*, 39, 119.
- Nycticorax nycticorax nævius*, 9, 37, 84, 120.
- Oidemia americana*, 37, 49.
 deglandi, 37.
- Olbiornichus hiemalis*, 43, 118.
- Old-squaw*, 80.
- Olor buccinator*, 28.
 columbianus, 28.
- Otocoris alpestris*, 39, 118.
 actia, 133.
 praticola, 91.
- Oriole*, Baltimore, 4, 7, 11, 17, 39, 46, 47, 53, 54, 59, 61, 77, 87, 91, 98, 100, 121.
- Orchard*, 11, 18, 39, 53, 54, 60, 78, 85, 87, 99, 101, 106, 121, 131.
- Osprey*, American, 15, 16, 17, 38, 77, 100, 119.
- Oven-bird*, 12, 16, 17, 21, 42, 45, 46, 53, 54, 60, 78, 85, 87, 98, 100, 101, 102, 106, 121.
- Owl*, American Barn, 9, 109, 117, 132.
 American Long-eared, 81, 117.
 Barred, 10, 117.
 Great Horned, 10, 81, 106, 117.
 Saw-whet, 118.

- Screech, 10, 81, 115, 117.
 Short-eared, 38, 118.
 Snowy, 80.
Pandion haliaetus carolinensis,
 38, 84, 119.
Passer domesticus, 11, 39, 85,
 87, 98, 118.
Passerculus princeps, 40.
 sandwichensis savanna, 40,
 111, 119.
Passerella iliaca, 40, 112, 119.
Passerina cyanea, 11.
 nivalis, 28, 50, 118.
Pavoncella pugnax, 134.
Penthestes aurocapillus, 99.
 carolinensis, 86, 88.
Perisoreus canadensis, 50.
Petrochelidon lunifrons, 11, 98,
 121.
Peucæa bachmanii, 91, 116.
Pewee, Wood, 10, 17, 53, 54,
 60, 78, 85, 86, 98, 99, 100,
 106, 120, 130.
Phalacrocorax dilophus, 37.
Pheasant, English, 18.
Philoabela minor, 9, 120.
Phœbe, 2, 3, 4, 10, 16, 26, 39,
 47, 53, 54, 60, 76, 86, 98, 100,
 120.
Picoides arcticus, 50.
Pigeon, Passenger, 13, 48.
Pinicola enucleator leucura, 28,
 50.
Pintail, 76, 79, 119.
Pipilo erythrorththalmus, 11, 40,
 85, 87, 98, 113, 121.
Pipit, American, 77, 129.
Piranga erythromelas, 11, 41,
 87, 98, 121.
 rubra, 87, 116.
Plover, American Golden, 49.
 Piping, 18, 138.
 Semipalmated, 37.
Podilymbus podiceps, 36, 49,
 119.
Polioptila cærulea, 86, 88.
Poecetes gramineus, 40, 119.
Porzana carolina, 37.
Progne subis, 85, 87, 121.
Protonotaria citrea, 113.
Quail, Gambel's, 133.
Querquedula discors, 119.
Quiscalus quiscula, 11, 39, 85,
 87, 121.
 æneus, 39.
Rail, Clapper, 37.
 King, 9, 78, 82, 120.
 Virginia, 78, 82, 100, 120.
Rallus crepitans, 37.
 elegans, 9, 120.
 virginianus, 120.
Raven, Northern, 48.
Red-head, 49.
Redpoll, 1, 50, 80, 118.
Red-wing, Thick-billed, 90.
Redstart, American, 4, 12, 16,
 17, 21, 42, 46, 47, 53, 60, 78,
 85, 87, 98, 100, 101, 102, 121,
 131.
Regulus calendula, 43, 50, 66,
 119.
 satrapa, 43, 66, 118.
Riparia riparia, 11, 41, 85, 121.
Rissa tridactyla, 36.
Robin, American, 2, 3, 4, 12, 17,
 25, 26, 43, 44, 46, 47, 50, 53,
 54, 55, 58, 60, 76, 81, 86, 88,
 99, 100, 101, 107, 122, 130,
 131.
Ruff, 134.
Sandpiper, Bartramian, 9, 37,
 77.
 Least, 37, 79.
 Pectoral, 37, 77.
 Solitary, 37, 54, 77, 82.
 Spotted, 9, 17, 37, 51, 52, 61,
 77, 84, 86, 97, 100, 120.
Sapsucker, Yellow-bellied, 38,
 46, 55, 56, 57, 77, 80, 82, 119,
 131.
Sayornis phœbe, 10, 39, 86, 98,
 120.
Scoter, American, 37, 49.
 White-winged, 37.
Seiurus aurocapillus, 12, 42, 85,
 87, 98, 121.
 motacilla, 42, 85, 98, 102,
 119.
 noveboracensis, 42, 87, 114,
 119.
Setophaga ruticilla, 12, 42, 87,
 98, 121.
Shoveller, 27.
Shrike, Loggerhead, 55, 60.
Migrant, 47, 50, 76.
 Northern, 1, 50, 80.
Sialia sialis, 12, 43, 86, 88, 99,
 122.
Siskin, Pine, 28, 40, 50.
Sitta canadensis, 43, 50, 119.
 carolinensis, 12, 43, 50, 88,
 99, 118.
Skylark, 39.
Snipe, Wilson, 3, 52, 76, 80, 119.
Snowflake, 28, 50, 80, 118, 129.
Sora, 37, 45, 47, 78.

- Sparrow, Bachman's, 53, 54, 58, 60, 91, 116, 131.
 Chipping, 4, 11, 17, 46, 47, 53, 54, 60, 76, 77, 98, 100, 101, 115, 121.
 English, 3, 4, 11, 16, 17, 39, 85, 87, 98, 118.
 Field, 11, 17, 40, 47, 52, 53, 54, 55, 60, 76, 85, 87, 98, 99, 100, 101, 107, 116, 121.
 Fox, 40, 76, 80, 112, 114.
 Grasshopper, 17, 18, 19, 40, 54, 60, 77, 91, 100, 101, 111, 121.
 Henslow's, 111.
 Ipswich, 40.
 Lark, 46, 47, 77, 91.
 Leconte's, 52, 54.
 Lincoln's, 40, 53, 54, 78, 112.
 Savanna, 17, 40, 77, 91, 111, 119.
 Seaside, 35, 43, 100.
 Sharp-tailed, 35, 40, 100.
 Song, 3, 4, 11, 17, 40, 45, 47, 50, 52, 54, 55, 60, 76, 81, 85, 87, 91, 98, 99, 100, 101, 112, 118.
 Swamp, 11, 40, 52, 53, 76, 98, 112, 121.
 Tree, 40, 50, 54, 55, 80, 118.
 Vesper, 3, 40, 52, 60, 77, 81, 82, 100, 101, 119.
 White-crowned, 40, 52, 54, 61, 77, 79, 119.
 White-throated, 3, 40, 44, 45, 52, 53, 54, 61, 77, 79, 112, 119.
Spatula clypeata, 27.
Sphyrapicus varius, 38, 56, 119.
Spinus pinus, 28, 40, 50, 119.
Spiza americana, 66, 92.
Spizella monticola, 40, 50, 118.
pusilla, 11, 40, 85, 87, 98, 116, 121.
socialis, 11, 40, 87, 98, 115, 121.
 Starling, 39, 120.
Stelgidopteryx serripennis, 11, 41, 85, 87, 113, 121.
Stercorarius pomarinus, 36.
Sterna hirundo, 34, 37, 55, 88.
Strix pratincola, 9, 109.
Sturnella magna, 11, 39, 85, 98, 120.
Sturnus vulgaris, 39, 120.
Sula bassana, 37.
 Swallow, Bank, 11, 17, 41, 53, 60, 85, 99, 101, 121.
 Barn, 4, 11, 17, 41, 47, 61, 77, 85, 98, 99, 100, 101, 106, 107, 121.
 Cliff, 11, 53, 77, 98, 100, 121, 131.
 Rough-winged, 11, 41, 53, 60, 77, 95, 98, 101, 113, 121.
 Tree, 98, 119.
 Swan, Trumpeter, 28.
 Whistling, 28.
 Swift, Chimney, 10, 17, 38, 46, 47, 53, 54, 60, 77, 86, 97, 99, 100, 101, 107, 120, 131.
Sympemias semipalmata, 27.
Syrnium varium, 10, 117.
 Tanager, Scarlet, 11, 17, 21, 41, 48, 53, 59, 61, 78, 98, 100, 101, 102, 106, 121, 131.
 Summer, 53, 54, 60, 116, 130.
 Teal, Blue-winged, 119.
 Green-winged, 119.
Telmatodytes palustris, 43, 86, 121.
thryophilus, 134.
 Tern, Black, 27, 78, 81, 126.
 Common, 18, 34, 37, 55, 78, 88.
 Thrasher, Brown, 2, 3, 4, 12, 17, 43, 44, 45, 46, 47, 53, 54, 59, 60, 77, 87, 98, 99, 100, 101, 107, 115, 121.
 Thrush, Gray-cheeked, 21, 43, 78.
 Hermit, 3, 43, 54, 59, 61, 77, 80, 81, 82, 119, 129.
 Olive-backed, 21, 43, 78, 79, 119.
 Wilson's, 12, 43, 46, 47, 53, 54, 60, 78, 121.
 Wood, 12, 17, 43, 44, 45, 46, 47, 54, 59, 60, 78, 86, 88, 99, 100, 101, 102, 106, 116, 121, 130.
 Titmouse, Tufted, 12, 53, 54, 55, 60, 67, 81, 86, 88, 100, 101, 106, 114, 118.
Topanous melanoleucus, 37, 49.
 Towhee, 11, 17, 40, 44, 45, 46, 47, 53, 54, 55, 60, 76, 81, 82, 85, 87, 98, 100, 101, 106, 113, 115, 121, 129.
Toxostoma rufum, 12, 43, 87, 98, 115, 121.
Trochilus culubris, 10, 38, 86, 97, 120.
Troglodytes ädon, 12, 43, 87, 98, 115, 121.

INDEX TO VOLUME XVII, 1905.

7

- Thryothorus ludovicianus*, 8,
12, 43, 85, 87, 121.
Turdus fuscescens, 12.
 mustelinus, 12.
Turkey, Wild, 90.
Turnstone, 79.
Tyrannus tyrannus, 10, 39, 86,
99, 120.
Veery, 44.
Vermivora pinus, 85.
Vireo bellii medius, 134.
 flavifrons, 11, 41, 116, 121.
 gilvus, 41, 91, 121.
 noveboracensis, 11, 41, 85,
87, 92, 121.
 olivaceus, 11, 41, 98, 121.
 philadelphicus, 92.
 solitarius, 41, 119.
Vireo, Bell's, 3.
 Blue-headed, 21, 41, 77, 79,
119.
 Philadelphia, 3, 59, 60, 92.
 Red-eyed, 11, 17, 21, 41, 53,
54, 60, 77, 85, 87, 98,
100, 101, 106, 121, 130.
 Warbling, 16, 41, 53, 54, 59,
60, 77, 85, 87, 91, 100,
101, 121.
 White-eyed, 4, 11, 17, 41, 53,
54, 60, 85, 87, 92, 101,
106, 121, 130.
 Yellow-throated, 11, 16, 41,
53, 54, 60, 77, 85, 87,
100, 101, 116, 120, 130,
131.
Vireosylvia gilva, 85, 87.
 olivacea, 85, 87.
Vulture, Turkey, 28, 52, 53, 54,
55, 58, 60, 76, 84, 86, 100,
106.
Warbler, Bay-breasted, 21, 42,
60, 67, 79.
 Black and White, 11, 17, 21,
41, 44, 45, 46, 53, 54, 60,
77, 85, 87, 98, 101, 121,
130.
 Blackburnian, 21, 42, 59, 61,
78, 92, 119.
 Black-poll, 21, 42, 53, 54, 60,
79, 85, 92, 119, 131.
 Black-throated, Blue, 21, 60,
78, 79, 100, 119.
 Black-throated, Green, 21,
42, 53, 54, 60, 78, 79,
82, 119.
 Blue-winged, 11, 41, 60, 78,
85, 106, 121.
 Brewster's, 67, 78.
 Canadian, 46, 47, 60, 79, 98.
 Cape May, 53, 60, 79, 114,
131.
 Cerulean, 45, 47, 53, 61, 78,
100.
 Chestnut-sided, 12, 42, 46,
47, 54, 59, 60, 78, 79, 98,
102, 121, 130, 131.
 Connecticut, 21, 60, 79, 109,
130.
 Golden-winged, 60, 79, 98.
 Hooded, 42, 79, 130.
 Kentucky, 78, 92, 100, 130.
 Kirtland's, 68, 79.
 Lawrence's, 35, 41.
 Magnolia, 46, 47, 54, 60, 78,
79, 119, 131.
 Mourning, 21, 79.
 Myrtle, 3, 21, 22, 42, 53, 54,
55, 60, 78, 79, 119, 130,
131.
 Nashville, 21, 41, 60, 78, 79.
 Northern Parula, 4, 5, 6, 7,
17, 42, 78, 108.
 Orange-crowned, 78, 113.
 Palm, 3, 42, 78, 79, 131.
 Parula, 59, 60, 85, 87, 106,
119, 131.
 Pine, 42, 60, 78, 106.
 Prairie, 42, 53, 54, 58, 59,
60, 79, 92, 106, 107, 116.
 Prothonotary, 78, 113.
 Sycamore, 92, 130.
 Tennessee, 42, 60, 79, 130,
131.
 Wilson, 42, 45, 47, 60, 79,
114, 119.
 Western Parula, 21.
 Worm-eating, 11, 41, 53, 59,
60, 87, 92, 98, 121.
 Yellow, 12, 17, 54, 60, 78,
85, 97, 98, 99, 100, 101,
121, 130.
 Yellow Palm, 42, 53, 79, 119.
Water-Thrush, 21, 42, 78, 79,
114, 119.
 Louisiana, 60, 77, 85, 87, 98,
100, 102, 119, 130.
Waxwing, Cedar, 11, 17, 41, 54,
55, 82, 85, 87, 98, 99, 118.
Whippoorwill, 10, 16, 59, 61, 78,
97, 106, 107, 120, 131.
Willet, 27.
Wilsonia canadensis, 42, 98.
 mitrata, 42.
 pusilla, 42, 108, 119.
Woodcock, American, 9, 15, 27,
48, 76, 81, 120, 129.

INDEX TO VOLUME XVII, 1905.

- Woodpecker, Downy, 10, 16, 38,
46, 50, 53, 54, 55, 57, 60, 81,
84, 86, 97, 100, 106, 117.
Arctic, Three-toed, 50.
Hairy, 1, 10, 38, 44, 46, 50,
54, 61, 66, 81, 97, 99,
100, 117.
Northern Pileated, 50, 81.
Pileated, 53, 54, 80.
Red-bellied, 52, 54, 81, 110.
Red-headed, 4, 10, 38, 53, 54,
60, 77, 81, 86, 99, 100,
118.
Wren, Bewick's, 54, 55, 58, 60.
Carolina, 12, 18, 43, 53, 54,
55, 59, 60, 81, 83, 87,
100, 101, 121.
House, 3, 12, 16, 26, 44, 46,
47, 60, 78, 85, 88, 99,
100, 101, 121.
Long-billed Marsh, 12, 43,
78, 86, 100, 121.
Short-billed Marsh, 12, 43,
114, 121.
Winter, 43, 78, 79.
Yellow-legs, 61, 77, 80.
Greater, 37, 49, 77, 79.
Yellow-throat, Maryland, 53, 60,
85, 87, 106, 107, 130.
Northern, 4, 12, 17, 21, 42,
78, 98, 100, 101, 121.
Zamelodia judoviciana, 11, 40,
98, 121.
Zenaidura macroura, 9, 84, 120.
Zonotrichia albicollis, 40, 119.
 coronata, 40.
 leucophrys, 119.

INDEX OF AUTHORS.

- Baird, Rob't L.—Bird Migration at Oberlin, Ohio, 75.
Bruen, Frank.—A Trip to Gardiner's Island, 14; Transplanting a Robin, 25; Moving a Wren's Home, 26; Widow Hummer, 102.
Burns, Frank L.—Bird Builders at Fault, 26; Some New Jersey Records, 27.
Deane, Ruthven.—An Unusual Flight of Hawks in 1858, 13.
Embody, G. C.—Bird Horizons from Russellville, Ky., 52.
Hann, H. H.—A Preliminary List of the Birds of Summit County, N. J., 117.
Henninger, W. F.—All Day with the Birds at Durmid, Va., 58; Two Goose Records from Ohio, 63; Further Notes on the Birds of Middle Southern, O., 89; Three Hitherto Unknown Pelican Records from Ohio, 126; An Addition to the Birds of Middle Southern Ohio, 126; A Fourth Record of the Barn Owl for Seneca County, Ohio, 129.
Hix, George E.—A Year with the Birds in New York City, 35.
Holmes, LaRue K.—Summer Birds of Summit, Union Co., N. J., 8.
Hunt, Chreswell J.—A-Birding Among the New Jersey Pines, 105; The Spotted Sandpiper, 51.
Jacobs, J. Warren—Nesting Habits of the Grasshopper Sparrow in South-western Pennsylvania, 18.
Jones, Lynds.—Some Further Suggestions for Bird Study, 61; Additions to the Birds of Ohio, 64; The Drumming of the Ruffed Grouse, 94.
Metcalf, Zeno.—Ruby-crowned Kinglet in Winter, 66.
Millis, Wm. J.—Some Breeding Records from East Point, Ga., 115.
Morris, C. H.—Winter Notes on Yellow-bellied Sapsucker (*Sphyrapicus varius*), 56.
Oberholser, Harry C.—Two Bird Days near Washington, D. C., 84.
Rogers, Charles H.—Louisiana Water-Thrush in Philadelphia in Summer, 103.
Schaller, Carleton.—Two Weeks with the Birds in Kent, Conn., 97; Some Spring Records from the Vicinity of New York City, 67.
Sherman, Althea R.—Some Observations at Weedseed Inn, 1.
Smith, Robert Windsor.—Bird Migration at Kirkwood, Ga., 129.
Sparks, Marion E.—Birds vs. Street Cars, 44.
Swales, Bradshaw H.—Additions and Additional Data to a Preliminary List of the Land Birds of South-eastern Michigan, 108.
Taverner, P. A.—Ornithology a Science, 123; Priority, 125; Bird Casualties, 129.
Wilde, Mark L. C.—Breeding Habits of Parula Warbler (*Compsophylips americana usneae*), in New Jersey, 4.
Wood, J. Claire.—Some Notes on Michigan Warblers, 20; Nesting of the Yellow-bellied Sapsucker, 57; Some Nesting Sites of the Hairy Woodpecker, 66; Extracts from My Note-book, 1905, 129; The Dickcissel in Wayne Co., Mich., 67.
Wood, Walter C.—Autumn Birds of the Les Cheneaux Islands, 48.